4th Annual Fort Carson
Community Sustainability Conference

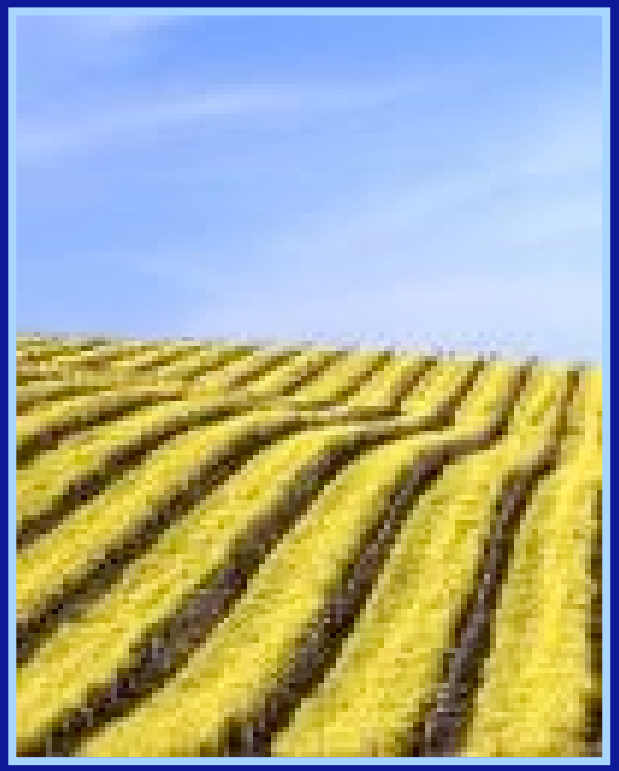
November 9, 2005

blue sun
BIODIESEL

Biodiesel Overview

Biodiesel is a cleaner-burning, renewable, and domestically produced diesel fuel

- Biodiesel is primarily sold as a 20% blend with 80% regular #2 diesel (B20)
- U.S. Congress designated B20 as an approved alternative fuel in 1998
- Biodiesel can be made from various oils, including canola, mustard, soybean, corn, and even waste grease.
- Best energy balance of ANY fuel!



KNOW YOUR SOURCE!

Blue Sun Mission

- Highest Performance Fuel
- Rural Economic Development
- Energy Independence
- Cleaner & Healthier Air

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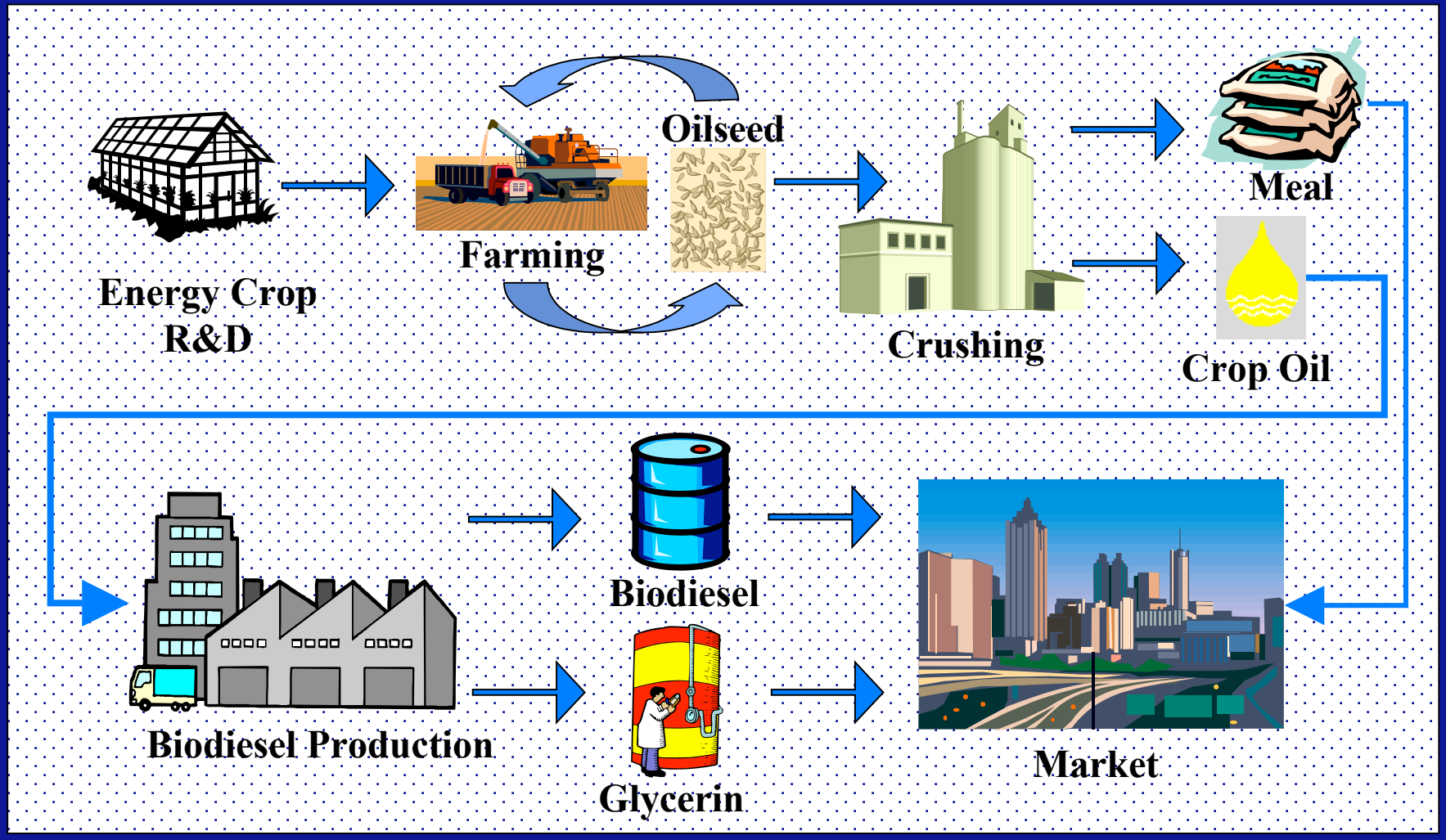
BIODIESEL

Farmer to Fuel Tank



San Luis Valley

High Plains

Blue Sun Crop R&D

The development of a lower cost, higher yielding oilseed feedstock is a prime strategic objective

Lower cost

- Lower input costs
- Require much less water
- Lower land costs
- Higher oil content

Higher quality

- Higher lubricity
- Higher cetane
- Better cold flow properties
- Better oxidative stability

To develop a sustainable competitive advantage vs. soybeans and any other potential feedstock

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Blue Sun Biodiesel Requires World Class Processing

(3-million gallons per year)

Continuous flow processing meets ASTM and DIN biodiesel fuel specifications

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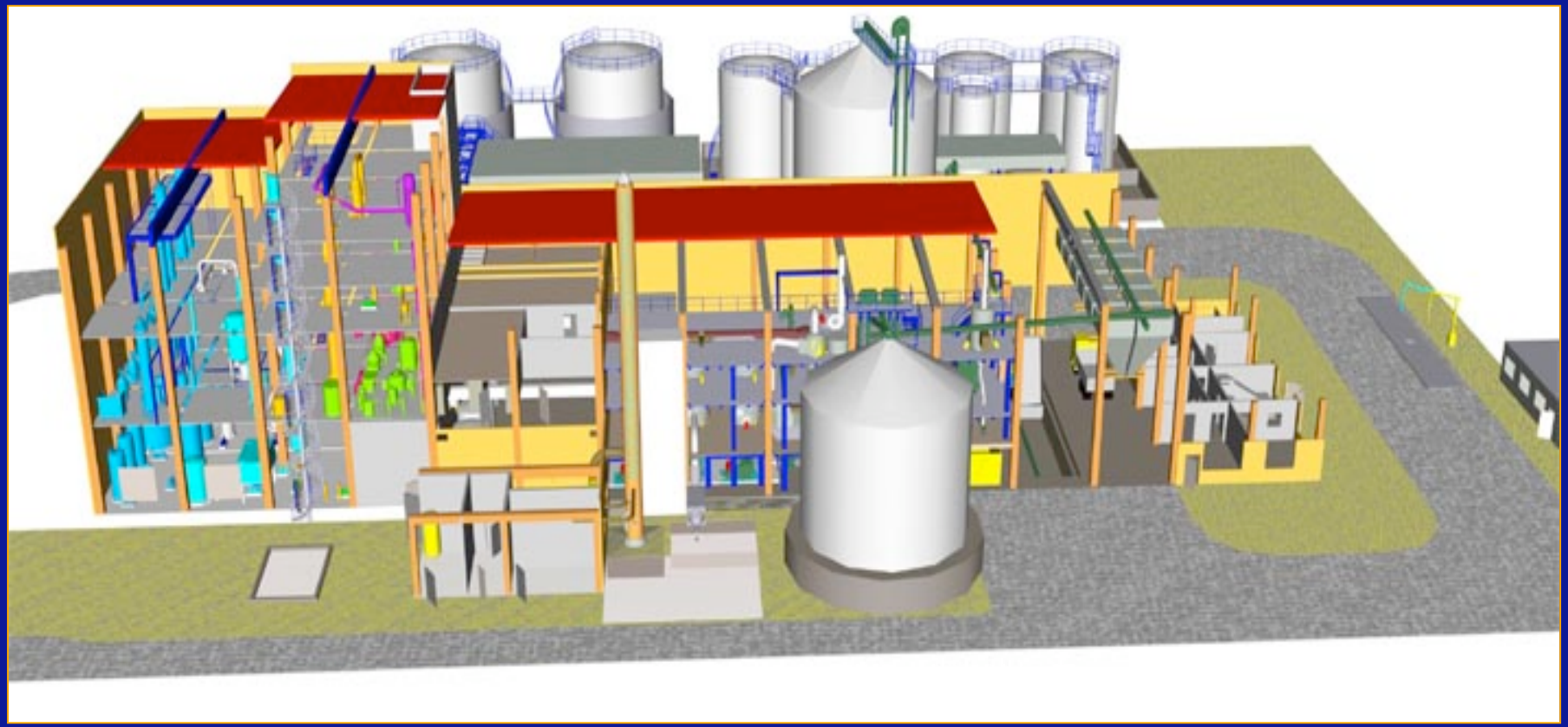
Large-scale Biodiesel Production
25-million gallons per year

World-class technology involves process guarantees, continuous flow reactors, methanol recovery units, and more.



Blue Sun Blending Facility
Alamosa, Colorado

- **Ratio blending**
  - Computer controlled accuracy
  - Thorough blending in pipe before entering truck
  - 100% automated
- **Pressurized additive injection**
- **Heated biodiesel and additives**
- **600 gallon per minute loading**
- **Operating 24 hours per day**
- **Serving Southern and Western Colorado and New Mexico**

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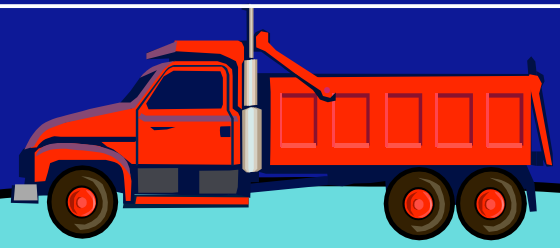
Blue Sun Advantages:
A Better Fuel vs. Diesel

Features

- Higher cetane 48+
- Greater lubricity
- Superior detergency
- Higher flash point

Blue Sun B20 Benefits



- Improved Fuel Mileage
- Equal or Better Horsepower
- Less Black Smoke
- Smoother Running Engines
- Quicker Cold Starts
- Longer Engine Life – 40%
- Reduced Maintenance Costs

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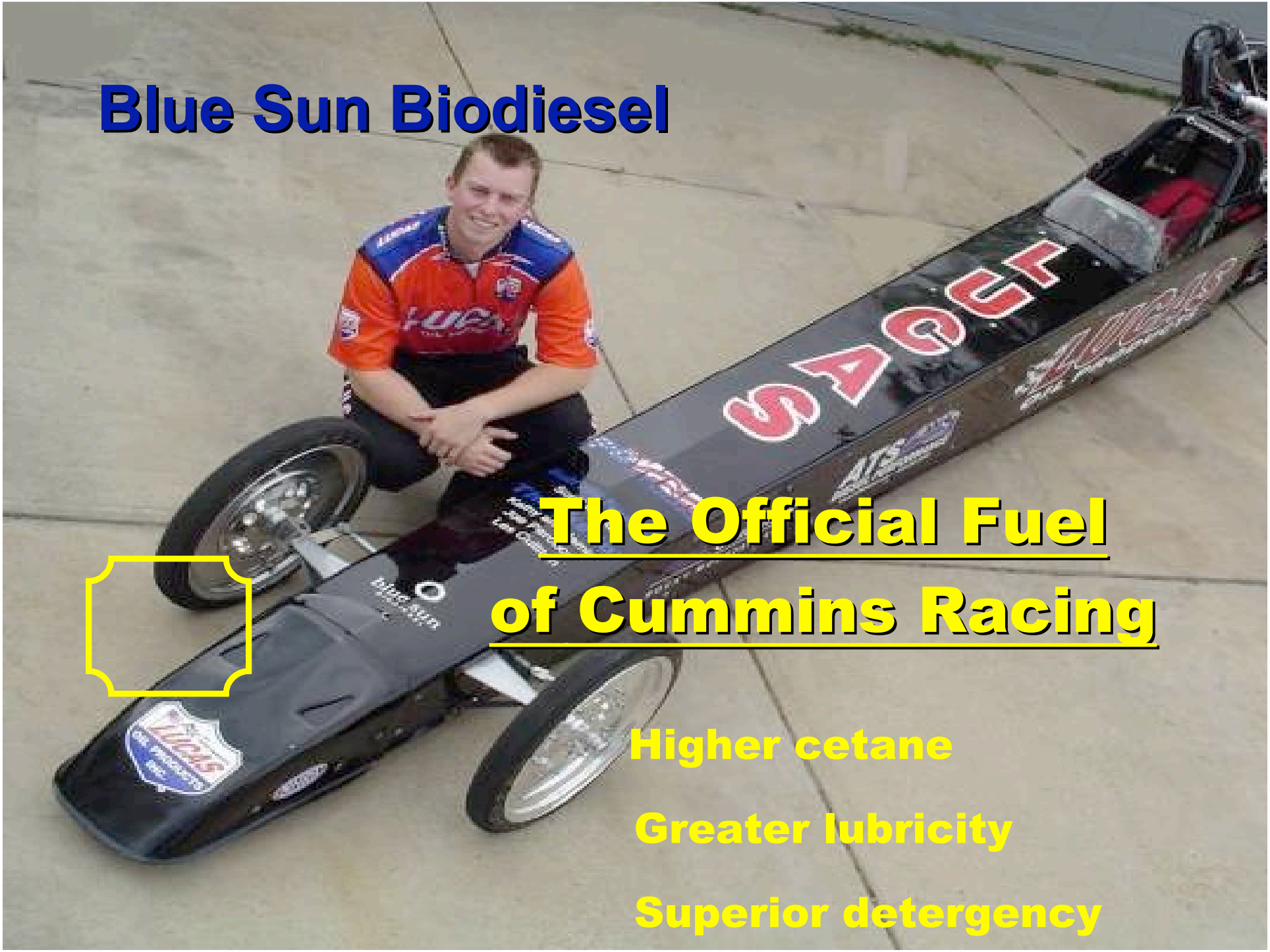
Blue Sun Advantages
Cleaner Emissions vs. Diesel

Emission Type	B 100	Typical B20	Blue Sun 20
Carbon Monoxide	- 43.2%	- 12.6%	- 32 %
Hydrocarbons	- 56.3%	- 11 %	- 40 %
Particulates	- 55.4%	- 18 %	- 24 %
Nitrogen Oxides *	+ 5.8%	+1.2%	- 4 %
Carcinogens	- 60% - 90%	- 12% - 20%	
Mutagens	- 80% - 90%	- 20%	
Carbon Dioxide **	- 78.3%	- 15.7%	

* Blue Sun B20 will reduce Nitrogen Oxides by 9% or greater
** Life Cycle emissions of CO2

Source: National Renewable Energy Laboratory, Golden, Colorado (NREL), a national research laboratory funded by the Department of Energy


Blue Sun Biodiesel
The Official Fuel
of Cummins Racing
Higher cetane
Greater lubricity
Superior detergency

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Blue Means Go

Go Farther
with a fuel that increases mileage, power and engine life

Go Stronger
with a fuel that reduces our dependence on foreign oil

Go Cleaner
with a fuel that dramatically reduces emissions

Go Smarter
with a renewable fuel grown on regional farms

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